

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,423,711 B2  
APPLICATION NO. : 10/552578  
DATED : September 9, 2008  
INVENTOR(S) : Yasufumi Asao

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 2:

Line 30, "shinning" should read --shining--.  
Line 35, "shinning" should read --shining--.  
Line 40, "shinning" should read --shining--.

COLUMN 4:

Line 29, "to a" should read --to as--.

COLUMN 6:

Line 57, "type" should read --types--.

COLUMN 8:

Line 14, "crystal device" should read --crystal--.  
Line 50, "state" should read --state that--.

COLUMN 9:

Line 43, "state" should read --state that--.

COLUMN 10:

Line 44, "state" should read --state that--.

COLUMN 11:

Line 3, "type" should read --types--.

COLUMN 12:

Line 43, "state" should read --state that--.

COLUMN 13:

Line 36, "state" should read --state that--.

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COLUMN 14:

Line 30, "state" should read --state that--.

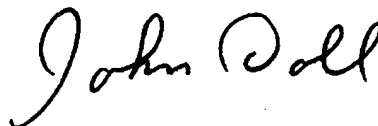
COLUMN 16:

Line 35, "may" should read --may be--.

Line 41, "them" should read --than--.

Signed and Sealed this

Twelfth Day of May, 2009

A handwritten signature in black ink that reads "John Doll". The signature is written in a cursive style with a large, stylized "J" and "D".

JOHN DOLL

*Acting Director of the United States Patent and Trademark Office*